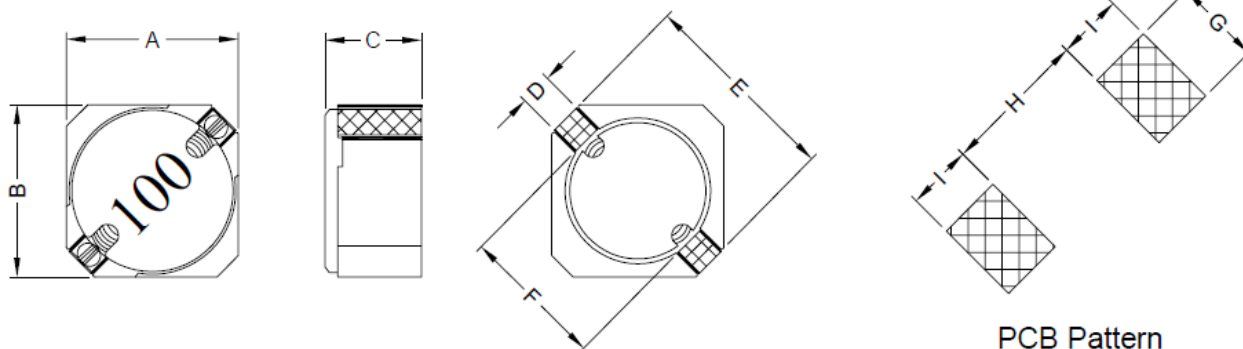


SMD POWER INDUCTOR

SERIE: QLC0804 8,0 x 8,0 x 4,5 mm

DIMENSIONS:

VPE: 1000pcs.



Unit:m/m

A	B	C	D	E	F	G	H	I
8.00±0.30	8.00±0.30	4.50±0.30	1.80 Ref.	8.90 Ref.	6.50 Ref.	2.30 Ref.	6.10 Ref.	1.80 Ref.

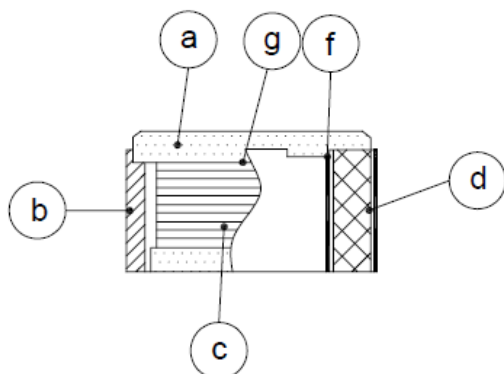
SCHEMATIC:



GENERAL SPECIFICATION :

- 1- Temp. rise: 40°C Max. at rated current
- 2- Operating temp. : -40°C to +85°C
- 3- Storage temp. : -40°C to +125°C
- 4- Rated current: Base on temp. rise & $\Delta L/L0A=35\%$ Max.
- 5- Resistance to solder heat: 260°C. 10sec.

MATERIALS:



- (a) Core : DR Ferrite Core
- (b) Core : RI Ferrite Core
- (c) Wire : Enamelled Copper Wire
- (d) Terminal : Tinned Copper Plate
- (e) Adhesive : Epoxy Resin
- (f) Adhesive : Epoxy Resin
- (g) Ink : Bon Margue

NOTE : Specifications subject to change without notice. Please check our website for latest information.

SMD POWER INDUCTOR

SERIE: QLC0804 8,0 x 8,0 x 4,5 mm



ELECTRICAL CHARACTERISTICS:

Part No.	Inductance (uH)	Tolerance	Test Frequency (Hz)	SRF (MHz) Typ.	RDC (mΩ) Max	Isat (A)	Irms (A)
QLC0804 - 1R0	1,0	± 30%	1V / 100K	100	9,5	11	8,0
QLC0804 - 1R8	1,8	± 30%	1V / 100K	80	11	8	7,5
QLC0804 - 2R2	2,2	± 30%	1V / 100K	50	13	7	6,5
QLC0804 - 3R3	3,3	± 30%	1V / 100K	40	15	6,5	6,0
QLC0804 - 4R7	4,7	± 30%	1V / 100K	35	18	5,5	5,5
QLC0804 - 6R8	6,8	± 30%	1V / 100K	25	22	4,4	5,0
QLC0804 - 100	10	± 30%	1V / 100K	22	35	3,8	4,0
QLC0804 - 150	15	± 30%	1V / 100K	18	45	3,0	3,0
QLC0804 - 220	22	± 30%	1V / 100K	15	65	2,4	2,8
QLC0804 - 330	33	± 30%	1V / 100K	10	90	2,0	2,2
QLC0804 - 470	47	± 30%	1V / 100K	9	120	1,8	1,8
QLC0804 - 680	68	± 30%	1V / 100K	7	170	1,4	1,5
QLC0804 - 101	100	± 30%	1V / 100K	6,5	270	1,2	1,2

NOTE : Specifications subject to change without notice. Please check our website for latest information.